

TTTGTG 46802660

SEQ. ID. No. 1

MCV Type 1 1 ATGAGGGCGGAGACGTCTTCGCGAGCGTTGTCTTGATGCTGTACTTTCACACTACCG

( ORF 148R  
166,992 -167,303 )

58 CGACCGGGAGTGTCACTCGCGAGACGGAATGTTGTTGATCCCAAAATCGTCCG

115 ATCCCGAATCCTTTACTGCAAGATCTATCACGCTCGACTATCAGGCGATAGGACATGACTGC

178 GGACGGGAGCTTTACAGAGTGACGCTGCAAGACGGAAGACAAGGCTGCGTTAGCGTTGGTAAC

241 AAGAGCTTACTAGACTGGCTTCGGGGACACAAGGATCTCTGCCCTCAGATATGTCGGGTGC

304 GAGTCTCTGTAA

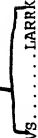
Figure 1A

TOT080-26802660

SEQ. ID. No. 2

MC148R1 Protein 1 MRGGDVFAVVLMLLALPRPGVS.....LARRKCCCLNPTNRPIPNELLQDLSRV 50

Active site



Hypothetical Receptor Binding Site

Absent chemokine activation Site

51 DYQAIGHDCGREAFVTLQDGRQGCVSVGNGKSLLDMLRGHKDLCPQIWSGCESL 104

Figure 1B

SEQ. ID. No. 3

MCV Type 2

(ORF 148R  
166,992-167,303)

1 ATGAGGGCCAGAGCCGCTCTTCGCGAGCGTTGTCTCTTGACGCTGTTACTTGCACCTACCG  
58 CGACCGGGAGTGTCACTCTCGAGACGGMAATGTTGTTTGAATCCTACAAATCGTCCG  
115 ATACCGAGGCCCTTTACTGCMAGATCTAGACMAAGTCGATTATCAGCCGATGGGCATGACTGC  
178 GGACGGGAAGCTTTCAGAGTGACGCTGCAAGACGGGAAGACAAGGCTGTGTTAGCGTTGGTAAC  
241 CAGAGTTTACTAGACTGGCTGAAGGGACACAGGATCTCTGCCCGCGGATGTGGCCCGGGTGC  
304 GAGTCTCTGTAA

Figure 2 A

SEG. ID. No. 4

MC148R2 Protein 1 MRRAVFASVLTLL..ALPRGVSS.....LSRRKCCCLNPTNRPIPELLQLDLDKV

↑ Hypothetical Receptor Binding Site

↑ Absent Chemokine Activation Site

51 DYQPMGHDC<sup>4</sup>EA<sup>5</sup>FRVTLQDGRQGC<sup>6</sup>SVGNQSLLDWLKGHKDLCPRMWPGCESL

F19ure 2.B

Figure 3

SEQ. ID. No. 5

MCV 148R from Index Case shown for nucleotides 20 to 312,  
reading in direction from 5' to 3'

21	CGCGAGCGTTGCTTGATGCTGTTACTTGCACTACCGCGA	60
61	CCGGGAGTGTCACCTCGCGAGACGGAAATGTTGTTTGAATC	100
101	CCACAAATCGTCCGATCCCGAATCCTTTACTGCAAGATCT	140
141	ATCACGCGTCGACTATCAGGCGATAGGACATGACTGCGGA	180
181	CGGGAAGCTTTCAGAGTGACGCTGCAAGACGGAAGACAAG	220
221	GCTGCGTTAGCGTTGGTAACAAGAGCTTACTAGACTGGCT	260
261	TCGGGGACACAAGGATCTCTGCCCTCAGATATGGTCCGGG	300
301	TGCGAGTCTCTG	

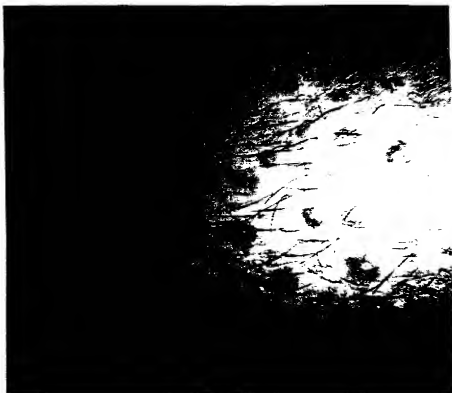


FIGURE 4A

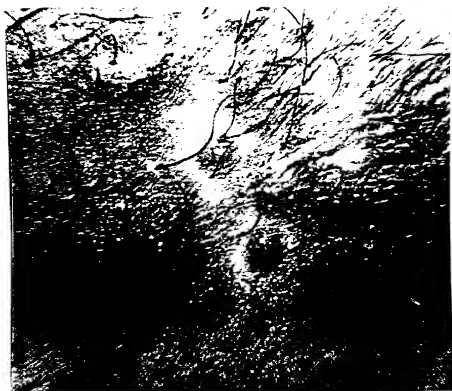


FIGURE 4B

